

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: December 8, 2006 Signature: \_\_\_

Docket No.: 68349-00008USPX

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Ramiro Quintero Illera et al.

Application No.: 10/797,732

Confirmation No.: 3413

Filed: March 10, 2004

Art Unit: 2821

For:

MULTILEVEL AND SPACE-FILLING

Examiner: H. T. Le

GROUND-PLANES FOR MINIATURE AND

MULTIBAND ANTENNAS

## INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A summary/abstract translation of the non-English language references is enclosed.

12/12/2006 EAREGAY1 00000056 10797732

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Application No.: 10/797,732 Docket No.: 68349-00008USPX

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application in accordance with 37 CFR 1.98(a)(2). Applicant submits herewith copies of any cited non-patent documents and foreign patent documents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 68349-00008USPX. A duplicate copy of this paper is enclosed.

Dated: December 8, 2006

Respectfully submitted,

Stanley R. Moore

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Complete if Known Substitute for form 1449/PTO Application Number 10/797,732-Conf. #3413 INFORMATION DISCLOSURE Filing Date March 10, 2004 First Named Inventor Ramiro Quintero Illera STATEMENT BY APPLICANT Art Unit 2821 (Use as many sheets as necessary) Examiner Name H. T. Le Sheet 1 of 1 68349-00008USPX Attorney Docket Number

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or					
		Number-Kind Code <sup>2</sup> (if known)		Applicant of Cited Document					
	A1*	US-6,285,326	09-04-2001	Diximus et al.					
	A2*	US-6,377,217	04-23-2002	Zhu et al.					
	A3*	US-6,466,176	10-15-2002	Maoz et al.					
	A4*	US-5,703,600	12-30-1997	Burrell et al.					
	A5*	US-20010033250-A1	10-25-2001	Keilen et al.					

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code³-Number⁴-Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>				
	B1	EP-0932219	07-28-1999	Lk Products Oy					
	B2	EP-0997974	05-03-2000	Lk Products Oy					
	B3	WO-01/22528	03-29-2001	Fractus S.A.	1				
	B4	WO-01/54225	07-26-2001	Fractus, S.A.					
	B5	WO-96/27219	09-06-1996	The Chinese University of Hong Kong					
	В6	EP-688040	12-20-1995	Nippon Telegraph & Telephone Corporation					
	B7	JP-10-261914	09-29-1998	Murata Manufacturing Co	1				
	B8	EP-1148581	10-24-2001	Kosan Information & Technologies Co., Ltd.					

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language. Translation is attached.

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No. 1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the artic		T <sup>2</sup>				
C1		MANTEUFFEL, Dirk et al., "Investigation on Integrated Antennas for GSM Mobile Phones", IMST GmbH, 4 pages, Millennium Conference on Antennas and Propagation, ESA, AP 2000, Davos, Switzerland, April 2000					
	C2	CHIOU, Tzung-Wern et al., "Designs of Compact Microstrip Antennas with a Slotted Ground Plane", IEEE Antennas and Propagation Society International Symposium, vol. 2, 2001, pages 732-735					

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date	<del></del>
Signature	Considered	
<u> </u>	Considered	

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.